Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 13 Mar 2022 until 23:59 on Monday 14 Mar 2022

Forecast Issued on Saturday 12 Mar 2022 at 15:07

Confidence: High for showers Sunday and Monday, largely fair Tuesday. Medium confidence for the timing of the front that crosses from the west Wednesday.

Headline for Sunday 13 Mar 2022: Showers heavy at times later. Brighter spells increasing into the afternoon.

Mountain weather hazards on Sunday 13 Mar 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Cloudy	Sunny intervals	Heavy rain showers	Light snow showers	Partly cloudy (night)
Precipitation probability							
30%	30%	40%	20%	10%	40%	30%	10%

Forecast for Sunday 13 Mar 2022

Weather: Rather cloudy overnight and early morning Sunday with occasional showers. Showers waning mid to late morning then building again into the afternoon as brighter spells develop to lift temperatures, bringing the risk of thunderstorms. Showers dying away through the evening as clear spells increase.

Chance of cloud-free hill tops above 600m: 20% at first becoming 80% from afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in showers, very poor within cloud with bases quite widespread at first from 600m, but only sporadically so later, chiefly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 13 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/36 SE	27/36 SE	26/35 SE	26/35 S	26/37 S	23/32 S	16/24 S	16/23 SW	17/26 SW
300	22/32 SE	22/32 SE	21/32 SE	21/32 SE	21/32 S	18/28 S	11/19 S	10/18 S	11/19 SW
Valley	16/33 SE	15/32 SE	16/33 SE	16/32 SE	17/33 S	14/28 S	8/18 S	7/17 S	7/18 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-3	3/-3	4/-2	5/-0	6/1	5/0	4/-1	2/-3
300	6/1	6/1	6/1	6/2	8/4	9/5	7/4	6/3	5/1
Valley	7/3	7/3	6/2	8/4	10/6	10/7	8/6	6/4	5/2
Freezing Level*	1200m	1100m	1100m	1000m	1100m	1200m	1100m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Significant wind chill at first.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 12 Mar 2022	3.8mm	4mm	4.4mm

Forecast for Monday 14 Mar 2022

Weather: A few light showers appearing through the rather cloudy morning. Bright and sunny spells increasingly developing through the afternoon, with showers largely dying away by early evening.

Maximum wind: Southwest 20mph with gusts 30mph, easing gradually from mid-day.

Chance of cloud-free hill tops above 600m: 30% or less becoming 90% plus from mid-afternoon

Low cloud and visibility: Good or very good, becoming moderate or poor in showers, very poor within cloud with bases quite extensive from 600m at first, infrequently so in later showers.

Temperature: **Valleys:** Plus 1 Celsius increasing 13 Celsius for the afternoon
At 600m: Plus 3 Celsius
Freezing level: 900m

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